

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Attorney Docket No.:

4001-1187

Application No.:

NEW NATIONAL PHASE

Applicant:

Peter GULDEN et al.

Filing Date:

September 7, 2004

Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	DE 197 04 496	3/12/1998	GERMANY				
	EP 0 997 762	5/3/2000	EUROPE				
	DE 196 16 863	10/31/1996	GERMANY				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BUXBAUM B ET AL: "PMD-PLL: receiver structure for incoherent communication and ranging systems" OPTICAL WIRELESS COMMUNICATIONS II, BOSTON, MA, USA, 22 SEPT. 1999, vol. 3850, pages 116-127, XP009013591 Proceedings of the SPIE - The International Society for Optical Engineering, 1999, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X abstract, page 118, paragraphs 1,2, page 122, paragraph 2 figures 1,6

IWAI T ET AL: "SPECKLE REDUCTION INCOHERENT INFORMATION PROCESSING" PROCEEDINGS OF THE IEEE, IEEE, NEW YORK, US, vol. 84, no. 5, 1 May 1996 (1996-05-01), pages 765-781, XP000591804 ISSN: 0018-9219 cited in the application, abstract, page 768, column 1, paragraph 2 - column 2, paragraph 1, page 769, column 2, paragraph 1 - page 770, column 2, paragraph 3, figures 4,6

WANG L ET AL: "SPECKLE REDUCTION IN LASER PROJECTION SYSTEMS BY DIFFRACTIVE OPTICAL ELEMENTS" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 37, no. 10, 1 April 1998 (1998-04-01), pages 1770-1775, XP000754330 ISSN: 0003-6935 cited in the application, abstract, page 1770, column 1, paragraph 2 - page 1772, column 2, paragraph 1, figures 2,3

TAI W ET AL: "Optimisation of the light transmission and irradiance distribution of an aspherical lens for 3-D time-of-flight sensors" OPTICS AND LASER TECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS BV., AMSTERDAM, NL, vol. 32, no. 2, 1 March 2000 (2000-03-01), pages 111-116, XP004213249 ISSN: 0030-3992 abstract, page 111, column 1, paragraph 1 - page 112, column 1, paragraph 3, figure 1

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* English language abstract provided for the Examiner's convenience

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	DE 195 01 525	4/4/1996	GERMANY				
	DE 100 39 422	2/28/2002	GERMANY				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- Applied Optics, Optical Society of America, Washington, US (10-09-1992), 31(26), 5447-5452 = A.W. Lohmann, NECI and S.O. Sinzinger, NECI, "Improved Array Illuminators", Applied Optics 31(26): 5447-5452, 1992
- Kolobov, M.I., Quantum noise reduction in optical imaging of the spatial coherence of the source. Physical Review A, 1995, 51(2): p. 1656-1661
- Shen, P.H., et al. Interdigitated finger semiconductor photodetector. in SPIE Aerosense, 24-28 April 2000. 2000: SPIE
- Schwarte, R. Dynamic 3-D Vision. in IEEE Int. Symposium on Electron Devices for Microwave and Optoelectronic Applications. 2001. Vienna, Austria: IEEE
- Lam, D.K.W. and R.I. MacDonald, GaAs optoelectronic mixer operation at 4.5 GHz, IEEE Transactions on Electron Devices, 1984, 31(12): p. 1768-1768.
- Gulden, P.G., et al. Application of the Photoelectronic Mixing Device to Optical Measurement of Presence, Distance and Velocity. in EuMW. 2000. Paris: EuMW.
- Lohmann, A.W. and S.O. Sinzinger. Spatial Noise Reduction in Array Illuminators. in Optical Computing. 1991. Salt Lake City, Utah

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